

DR NATASHA LIM
EYE CENTRE



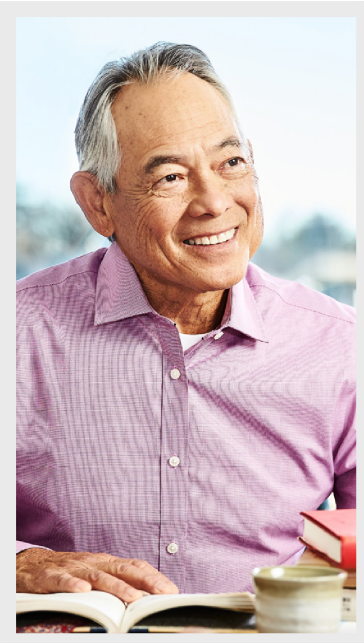
NOVENA Bladeless Cataract Surgery
& Eye Specialist Centre



Managing MGD

Before Cataract Surgery

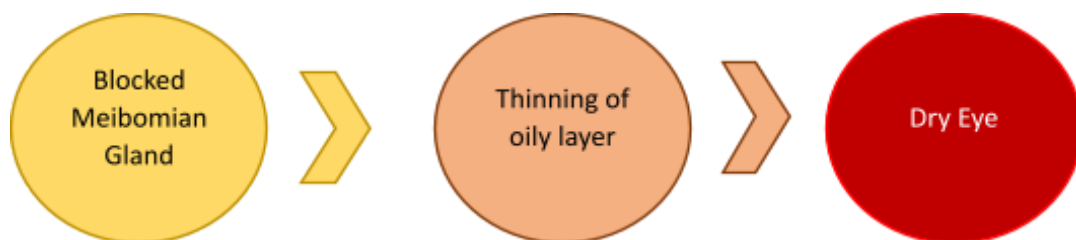
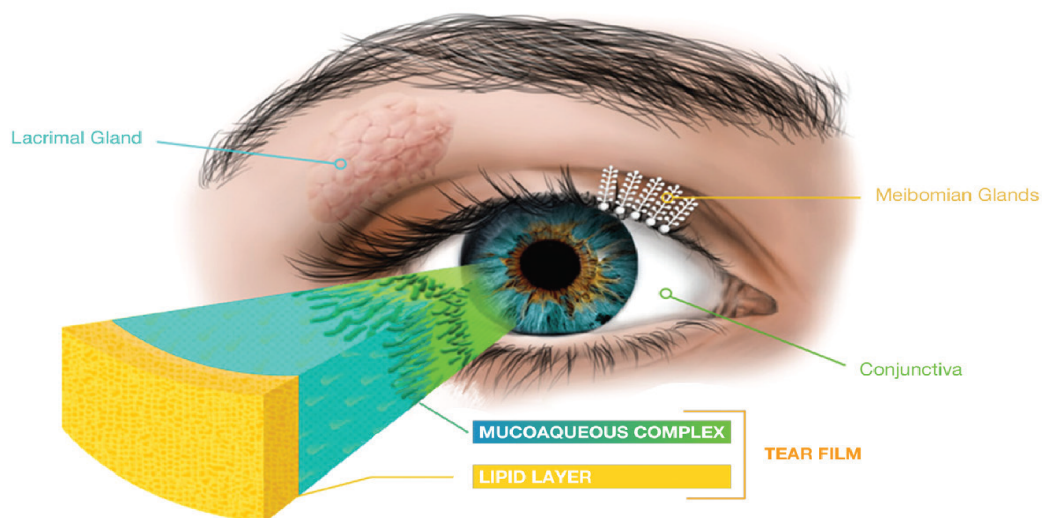
MGD = Meibomian Gland Dysfunction



Treating MGD before cataract surgery can reduce negative symptoms and improve quality of vision after surgery

What is MGD?

MGD (Meibomian Gland Dysfunction) occurs when there are blockages or structural damage that inhibits the natural production of protective oils from the meibomian glands located in our eyelids. These blockages can disrupt the tear film and cause ocular surface disease, which can negatively affect surgical outcomes.



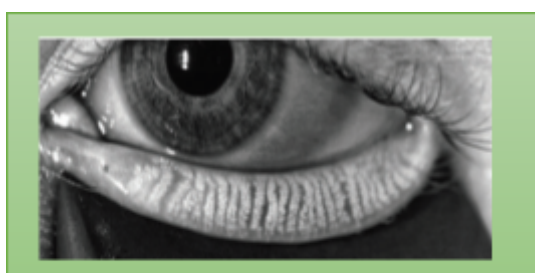
In 86% of cases, MGD is a root cause of dry eye disease.



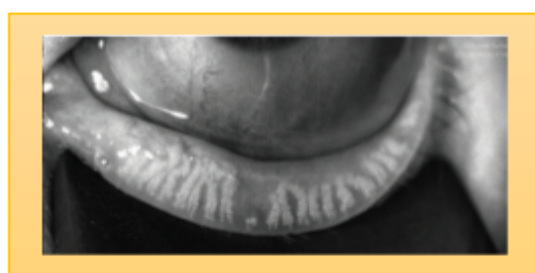
New clinical guidelines recommend treating MGD before surgery, even if there are no dry eye symptoms.

How is MGD identified?

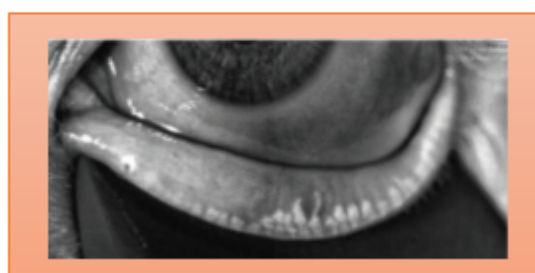
MGD assessment can easily be performed during a routine eye exam. Your doctor will evaluate your meibomian gland function and structure and may give you a symptom questionnaire.



Normal gland structure

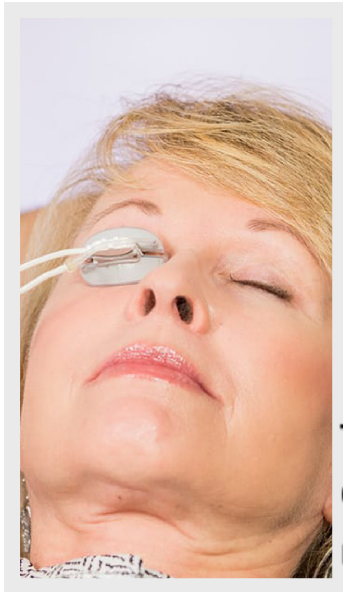


Significant gland loss



Severe gland loss

MGD is a disease and treatment before surgery is recommended.



LipiFlow® is the favoured pre-operative MGD procedural treatment for over 80% of the ASCRS Cornea Clinical Committee members.

Treat MGD with LipiFlow®

Gland blockages are removed and gland function is restored with **LipiFlow®**. Through advances in the application of Vectored Thermal Pulsation (VTP™) technology, LipiFlow® is a non-invasive 12-minute treatment administered in your doctor's practice.

LipiFlow®
THERMAL PULSATION



200,000
TREATMENTS
WORLDWIDE &
GROWING⁴

FDA
Cleared

5
PROSPECTIVE
RANDOMIZED &
CONTROLLED
TRIALS⁵⁻⁹

10+
YEARS OF
RESEARCH⁴

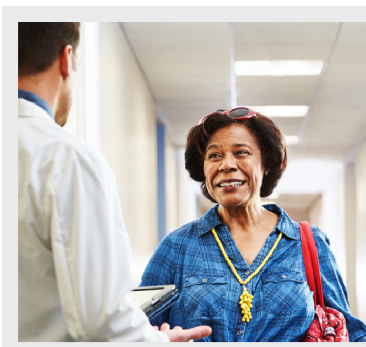
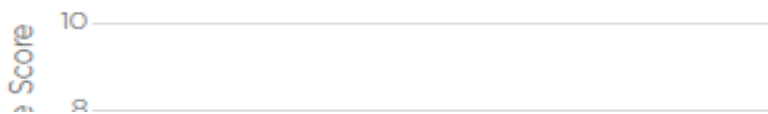
30+
PEER REVIEW
PUBLICATIONS⁵⁻¹⁰



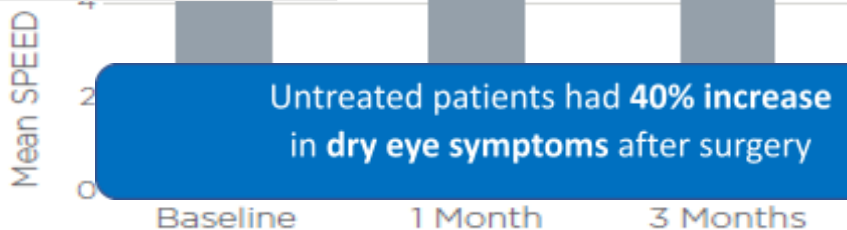
In a study of patients undergoing cataract surgery **LipiFlow**[®] significantly reduced dry eye symptoms.

LipiFlow[®] treated patients had almost **2x reduction** in dry eye symptoms

Post-op dry eye symptoms: **LipiFlow**[®] treated group¹¹



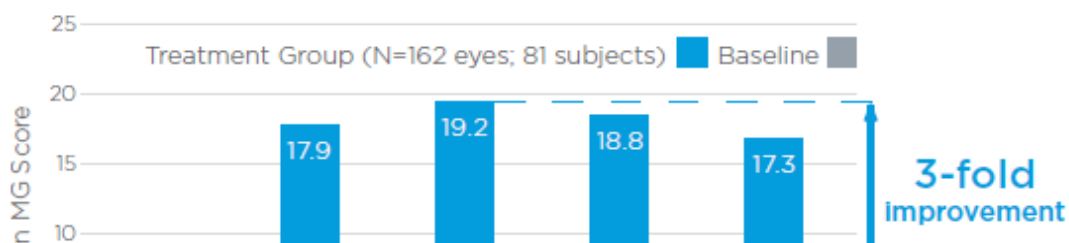
In a study of 200 patients, **LipiFlow**[®] significantly improved meibomian gland function and reduced dry eye symptoms.



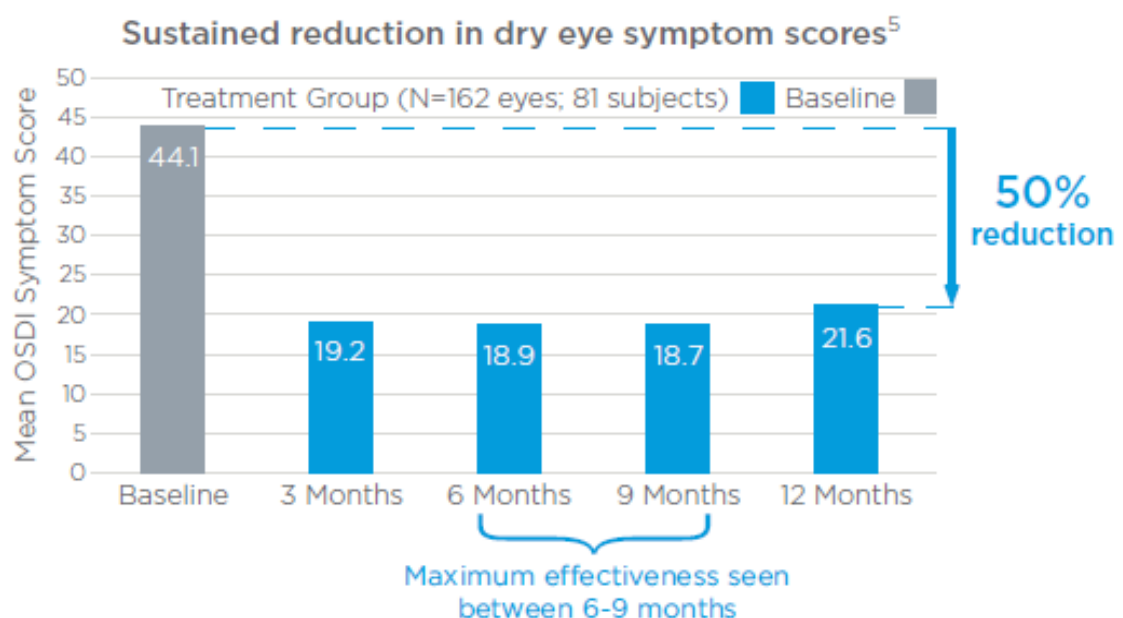
Untreated patients had **40% increase** in dry eye symptoms after surgery

LipiFlow[®] increases mean gland function by **3-fold** on average with one **12-minute treatment**⁵

Improvement in meibomian gland function⁵



LipiFlow® reduced mean dry eye symptom scores by over 50% for sustained symptom relief



Frequently asked questions

Q. How does LipiFlow® benefit my surgery?

A. LipiFlow® helps optimize the ocular surface by treating meibomian gland dysfunction, which is one of the main causes of dry eye disease and ocular surface disease. Treating MGD before [surgery](#) can help reduce post-operative symptoms and increase quality of vision after surgery.

Q. If I don't have dry eyes can I still benefit from LipiFlow® treatment?

A. New clinical guidelines recommend being screened and

treated for MGD even in the absence of symptoms in order to achieve optimal surgical outcomes.

Q. What happens during the LipiFlow® procedure?

A. The LipiFlow® Activator is placed under your eyelid. It is shaped to protect the delicate structure of the eye. Once in place the device heats the meibomian glands and applies gentle massage to improve meibomian gland function.

Q. How long is the LipiFlow® procedure?

A. The LipiFlow® procedure lasts 12 minutes and treats both eyes at the same time.

Q. How long do the benefits of the LipiFlow® treatment last?

A. The results of LipiFlow® treatment vary person to person. Clinical studies have shown sustained results lasting up to one year and sometimes longer.

Q. How many times do I need to be treated with LipiFlow® to see results?

A. One treatment is all it takes to achieve sustained and effective results. However, MGD is a chronic condition and requires ongoing [management](#)



- ✓ Proven to optimize comfort, visual outcomes, and patient satisfaction after surgery
- ✓ Proven effective for treating MGD before cataract surgery and improving quality of vision after surgery
- ✓ Proven effective for treating MGD before cataract surgery and improving quality of vision after surgery
- ✓ Non-invasive

LipiFlow® treatment is available at Dr Natasha Lim Eye Centre and Novena Bladeless Cataract Surgery & Eye Specialist Centre

Website:

<https://www.drnatashalim.com/> or <https://www.drdavidgoh.com.sg/>

Address:

Royal Square Medical Suites
101 Irrawaddy Road #19-01/02/03/07
Royal Square @ NOVENA
Singapore 329565
Tel: (+65) 6570 2220 / (+65) 6560 2220
Fax: (+65) 6268 9108

